

Amendment under 37 CFR § 1.111  
Application No. 10/501,086  
Attorney Docket No. 042566

### **AMENDMENTS TO THE CLAIMS**

This listing of claims replaces all prior versions of claims in the application.

1. (Currently amended) A waste treatment information management system for collecting information on a flow of waste treatment using satellite communication, thereby enabling management of the waste treatment among a waste generating facility, a collecting/transporting company, and an intermediate treating company, and a final disposal company, and thereby rapidly preparing and providing necessary information from ~~[[the]]~~ information collected, comprising: a two-dimensional barcode reader and a satellite communication system, wherein a two-dimensional barcode label indicative of data regarding a collection place and a generation place, a primary cargo bill and a secondary bill are employed in a combined manner, the primary cargo ~~[[bills]]~~ bill containing necessary items described therein according to the ~~related~~ information ~~including~~ of the two-dimensional barcode label and data of measured weight of a container or a waste transporting vehicle, which has been input to a terminal for the satellite communication system, said primary cargo bill being used for managing the waste treatment in said waste generating facility, said collecting/transporting company, and said intermediate treating company, said secondary bill being used for managing the waste treatment in said intermediate treating company and said ~~[[the]]~~ final disposal company.

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2. (Currently amended): A waste treatment information management system according to Claim 1, wherein the two-dimensional barcode label is a label prepared in advance to indicate a two-dimensional barcode ~~representative of data regarding a collection place and a generation place~~ and attached to a container for wastes under special control or a waste transporting vehicle.

3. (Currently amended): A waste treatment information management system using a communication satellite according to Claim 2, wherein data of measured weight of said container or said waste transporting vehicle is input together with the information of the two-dimensional barcode label.

4. (Currently amended): A waste treatment information management system according to any one of Claims 1, 2 and 3, wherein the two-dimensional barcode label includes a mark positioned near ~~[[the]]~~ two-dimensional barcode and representing the wastes under special control.

5. (Previously presented): A waste treatment information management system according to Claim 4, wherein said mark representing the wastes under special control is a mark representing infectious wastes.

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6. (Previously presented): A waste treatment information management system according to Claim 5, wherein said mark representing the wastes under special control is a bio-hazard mark.

7. (Previously presented): A system for managing dynamic situations of wastes among a waste generating facility, a collecting/transporting company, an intermediate treating company, and a final disposal company by using a two-dimensional barcode, the system comprising position measuring means for measuring a position of a waste transporting vehicle transporting the wastes, and monitoring means for monitoring a transport state of a waste transporting vehicle based on the position measured by said position measuring means, means for transmitting and receiving information of a primary cargo bill used for managing waste treatment in said waste generating facility, said collecting/transporting company, and said intermediate treating company, and means for transmitting and receiving information of a secondary bill being used for managing waste treatment in said intermediate treating company and said final disposal company, wherein when the position measuring means measures the position of the waste transporting vehicle transporting the wastes, the monitoring means monitors the transport state of said waste transporting vehicle based on the measured position, thereby managing travel situations of said waste transporting vehicle and arrival to a disposal site in real time in a centralized manner.

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8. (Original): A waste treatment information management system according to Claim 7, further comprising monitoring means provided in the disposal site for monitoring said waste transporting vehicle.

9. (Original): A waste treatment information management system according to any one of Claims 7 and 8, wherein said monitoring means provided in the disposal site for monitoring said waste transporting vehicle comprises an ID tag attached to said waste transporting vehicle and an ID tag reader provided in an access passage to the disposal site.

10. (Previously presented): A waste treatment information management system according to any one of Claims 7 and 8, further comprising an opening/closing gate which is opened and closed in accordance with a result of reading said ID tag.